## STATE OF INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PUBLIC NOTICE: SEPTEMBER 23, 2021

DATE OF NOTICE: <u>SEPTEMBER 23, 2021</u> DATE RESPONSE DUE: <u>OCTOBER 25, 2021</u>

The Office of Water Quality proposes the following NPDES DRAFT PERMIT:

#### **MAJOR - MODIFICATION**

**HENDRICKS COUNTY REGIONAL SEWER DISTRICT WWTP**, Permit No. IN0057614, HENDRICKS COUNTY, 10683 East US Highway 36, Avon, IN. This modification is for a plant expansion to increase design flow from 2.45 mgd to 3.0 mgd. Permit Manager: John Donnellan, 317/234-0865, jdonnell@idem.in.gov. Posted online at https://www.in.gov/idem/public-notices/.

#### PROCEDURES TO FILE A RESPONSE

Draft can be viewed or copied (10¢ per page) at IDEM/OWQ NPDES PS, 100 North Senate Avenue, (Rm 1203) Indianapolis, IN, 46204 (east end elevators) from 9 – 4, Mon - Fri, (except state holidays). A copy of the Draft Permit is on file at the local County Health Department. Please tell others you think would be interested in this matter. For your rights & responsibilities see these sites: Public Notices: <a href="https://www.in.gov/idem/public-notices/">https://www.in.gov/idem/resources/citizens-guide-to-idem/</a>. Please tell others whom you think would be interested in this matter.

**Response Comments:** The proposed decision to issue a permit is tentative. Interested persons are invited to submit written comments on the Draft permit. All comments must be postmarked no later than the Response Date noted to be considered in the decision to issue a Final permit. Deliver or mail all requests or comments to the attention of the Permit Writer at the above address, (mail code 65-42 PS).

#### To Request a Public Hearing:

Any person may request a Public Hearing. A written request must be submitted to the above address on or before the Response Date noted. The written request shall include: the name and address of the person making the request, the interest of the person making the request, persons represented by the person making the request, the reason for the request and the issues proposed for consideration at the Hearing. IDEM will determine whether to hold a Public Hearing based on the comments and the rationale for the request. Public Notice of such a Hearing will be published in at least one newspaper in the geographical area of the discharge and sent to anyone submitting written comments and/or making such request and whose name is on the mailing list at least 30 days prior to the Hearing.



#### INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb

Governor

Bruno Pigott
Commissioner

September 23, 2021

#### VIA ELECTRONIC MAIL

Ms. Phyllis Palmer, President Hendricks County RSD Board 355 South Washington #210 Danville, Indiana 46122

Dear Ms. Palmer:

Re: Draft Modification of NPDES Permit

No. IN0057614 for the Hendricks County Regional

Sewer District Wastewater Treatment Plant

Hendricks County

Your request for permit modification, submitted July 20, 2021, has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is the draft modification of NPDES Permit No. IN0057614 which applies to the discharge from the Hendricks County Regional Sewer District Wastewater Treatment Plant (WWTP). The enclosed Pages 1 through 4D, 5, 10, 11, and 11A of 31 are intended to replace the corresponding pages in the facility's current permit.

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <a href="https://www.in.gov/idem/public-notices/">https://www.in.gov/idem/public-notices/</a>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <a href="https://www.in.gov/idem/resources/citizens-guide-to-idem/">https://www.in.gov/idem/resources/citizens-guide-to-idem/</a>. A 30-day comment period is available in order to solicit input from interested parties, including the general public.

Please review this document carefully and become familiar with the proposed terms and conditions. Comments concerning the draft permit should be submitted in accordance with the procedure outlined in the enclosed public notice form. If you have any questions concerning this modification, please contact John Donnellan at 317/234-0865 or jdonnell@idem.IN.gov.

Sincerely,

Leigh Voss, Chief

Municipal NPDES Permits Section

Office of Water Quality

leg Vos

**Enclosures** 

cc: Charles Meloche, Certified Operator

Kieran Tansy, Aqua Indiana

Karen Saavedra, P.E.



Page 2 of 31 Permit No. IN0057614 Revised:

#### STATE OF INDIANA

# DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AMENDED AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., the "Clean Water Act") or (CWA), and IDEMs authority under IC 13-5, the Indiana Department of Environmental Management (IDEM) is issuing this permit to the

#### HENDRICKS COUNTY REGIONAL SEWER DISTRICT

hereinafter referred to as "the permittee." The permittee owns and/or operates the **Hendricks County Regional Sewer District Wastewater Treatment Plant**, a major municipal wastewater treatment plant located at 10683 East U.S. Highway 36, Avon, Indiana, Hendricks County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named Avon Creek in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in the permit. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

provisions shall become effective on	s hereby amended as contained herein. The amended All terms and conditions of the permit Further, any existing condition or term affected by the e modified provisions become effective.
In order to receive authorization to discha	ge, as amended, shall expire at midnight, August 31, 2024. arge beyond the date of expiration, the permittee shall e required by the Indiana Department of Environmental or to the date of expiration.
Issued on Management.	for the Indiana Department of Environmental
	Jerry Dittmer, Chief
	Permits Branch
	Office of Water Quality

Page 2 of 31 Permit No. IN0057614 Revised:

#### TREATMENT FACILITY DESCRIPTION

The permittee currently operates a Class III, 2.45 MGD extended aeration / oxidation ditch treatment facility consisting of a lift station, a fine mechanically cleaned bar screen, two (2) aeration tanks, two (2) oxidation ditches, five (5) secondary clarifiers, an ultraviolet light disinfection system, post aeration and an effluent flow meter. Sludge is treated by aerobic digestion and belt filter press. Final sludge is sent to a landfill for disposal.

The permittee received Construction Permit Approval No. 23763 on December 30, 2020 for an upgrade of the plant to a design flow of 3.0 MGD. The proposed improvements include construction of four (4) new Vertical Loop Reactors (VLR) to replace the existing oxidation ditches, a new additional secondary clarifier, a chemical feed system for phosphorus removal, influent lift station improvements, a new ultraviolet light disinfection system, a new post aeration tank, and expanded sludge storage capabilities (conversion of existing oxidation ditches and clarifiers).

The collection system is comprised of 100% separate sanitary sewers by design with no overflow or bypass points.

#### PART I

#### A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee shall take samples and measurements at a location representative of each discharge to determine whether the effluent limitations have been met. Refer to Part I.C of this permit for additional monitoring and reporting requirements.

1. Beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001, which is located at Latitude: 39° 45′ 36″ N, Longitude: 86° 19′ 56″ W. The discharge is subject to the following requirements:

#### **INTERIM TABLE 1 [1]**

	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
Parameter	Monthly Average	Weekly Average	Units	Monthly Average	Weekly Average	Units	Measurement Frequency	Sample Type
Flow [2]	Report		MGD				5 X Weekly	24-Hr. Total
CBOD₅								
Summer [3]	224.9	347.6	lbs/day	11	17	mg/l	5 X Weekly	24-Hr. Comp.
Winter [4]	511.1	817.8	lbs/day	25	40	mg/l	5 X Weekly	24-Hr. Comp.
TSS								
Summer [3]	265.8	408.9	lbs/day	13	20	mg/l	5 X Weekly	24-Hr. Comp.
Winter [4]	613.4	920.0	lbs/day	30	45	mg/l	5 X Weekly	24-Hr. Comp.
Ammonia-nitrogen								
Summer [3]	30.7	47.0	lbs/day	1.5	2.3	mg/l	5 X Weekly	24-Hr. Comp.
Winter [4]	61.3	92.0	lbs/day	3.0	4.5	mg/l	5 X Weekly	24-Hr. Comp.
Nitrogen, Total (as N) [5]	Report		lbs/day	Report		mg/l	Monthly	24-Hr. Comp
Phosphorus								
Interim [6]	Report		lbs/day	Report		mg/l	Monthly	Grab
Final [6]	Report		lbs/day	1.0		mg/l	5 X Weekly	Grab.

#### **INTERIM TABLE 2 [1]**

	Quality or C	Quality or Concentration				Monitoring Requirements		
Parameter	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type		
pH [7]	6.0		9.0	s.u.	5 X Weekly	Grab		
Dissolved Oxygen [8]								
Summer [3]	6.0			mg/l	5 X Weekly	4 Grabs/24-Hrs.		
Winter [4]	5.0			mg/l	5 X Weekly	4 Grabs/24-Hrs.		
E.coli [9]		125 [10]	235 [11]	cfu/	5 X Weekly	Grab		
				100 ml				

- [1] Refer to the Notification Requirement in part I.F. of the permit.
- [2] Effluent flow measurement is required per 327 IAC 5-2-13. The flow meter(s) shall be calibrated at least once every twelve months.
- [3] Summer limitations apply from May 1 through November 20 of each year.
- [4] Winter limitations apply from December 1 through April 30 of each year.
- [5] Total Nitrogen shall be determined by testing Total Kjeldahl Nitrogen (TKN) and Nitrate +Nitrite and reporting the sum of the TKN and Nitrate + Nitrite results (reported as N). Nitrate + Nitrite can be analyzed together or separately. Monitoring for Total Nitrogen is required in the effluent only.

Page 4 of 31 Permit No. IN0057614 Revised:

The following EPA methods are recommended for use in the analysis of TKN and Nitrate + Nitrite. Alternative approved 40 CFR 136 methods may be utilized.

<u>Parameter</u>	<u>Method</u>
TKN	350.1, 351.1, 351.2
Nitrate	300.0, 300.1, 352.1
Nitrite	300.1, 353.2
Nitrate + Nitrite	300.0, 300.1, 353.2

- [6] Refer to the Schedule of Compliance in Part I.E. of this permit.
- [7] If the permittee collects more than one grab sample on a given day for pH, the values shall not be averaged for reporting daily maximums or daily minimums. The permittee must report the individual minimum and the individual maximum pH value of any sample during the month on the Monthly Report of Operation forms.
- [8] The daily minimum concentration of dissolved oxygen in the effluent shall be reported as the arithmetic mean determined by summation of the four (4) daily grab sample results divided by the number of daily grab samples. These samples are to be collected over equal time intervals.
- [9] The effluent shall be disinfected on a continuous basis such that violations of the applicable bacteriological limitations (*E. coli*) do not occur from April 1 through October 31, annually. The *Escherichia coli* (*E. coli*) limitations apply from April 1 through October 31 annually.
- [10] The monthly average *E. coli* value shall be calculated as a geometric mean. Per 327 IAC 5-10-6, the concentration of *E. coli* shall not exceed one hundred twenty-five (125) cfu or mpn per 100 milliliters as a geometric mean of the effluent samples taken in a calendar month. No samples may be excluded when calculating the monthly geometric mean.
- [11] If less than ten samples are taken and analyzed for *E. coli* in a calendar month, no samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. However, when ten (10) or more samples are taken and analyzed for *E. coli* in a calendar month, not more than ten percent (10%) of those samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. When calculating ten percent, the result must not be rounded up. In reporting for compliance purposes on the Discharge Monitoring Report (DMR) form, the permittee shall record the highest non-excluded value for the daily maximum.

#### 2. Minimum Narrative Limitations

At all times the discharge from any and all point sources specified within this permit shall not cause receiving waters:

Page 4A of 31 Permit No. IN0057614 Revised:

- a. including waters within the mixing zone, to contain substances, materials, floating debris, oil, scum attributable to municipal, industrial, agricultural, and other land use practices, or other discharges that do any of the following:
  - (1) will settle to form putrescent or otherwise objectionable deposits;
  - (2) are in amounts sufficient to be unsightly or deleterious;
  - (3) produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
  - (4) are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
  - (5) are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations that on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

#### B. FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee shall take samples and measurements at a location representative of each discharge to determine whether the effluent limitations have been met. Refer to Part I.C of this permit for additional monitoring and reporting requirements.

1. During the period beginning thirty (30) days following completion of the proposed construction activities, the permittee is authorized to discharge from Outfall 001, which is located at Latitude: 39° 45′ 36″ N, Longitude: 86° 19′ 56″ W. The discharge is subject to the following requirements:

#### FINAL TABLE 3 [1]

	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
Parameter	Monthly Average	Weekly Average	Units	Monthly Average	Weekly Average	Units	Measurement Frequency	Sample Type
Flow [2]	Report		MGD				5 X Weekly	24-Hr. Total
CBOD <sub>5</sub>								
Summer [3]	280	430	lbs/day	11	17	mg/l	5 X Weekly	24-Hr. Comp.
Winter [4]	630	1,000	lbs/day	25	40	mg/l	5 X Weekly	24-Hr. Comp.
TSS								
Summer [3]	330	500	lbs/day	13	20	mg/l	5 X Weekly	24-Hr. Comp.
Winter [4]	750	1,100	lbs/day	30	45	mg/l	5 X Weekly	24-Hr. Comp.
Ammonia-nitrogen			-					
Summer [3]	38	58	lbs/day	1.5	2.3	mg/l	5 X Weekly	24-Hr. Comp.
Winter [4]	75	110	lbs/day	3.0	4.5	mg/l	5 X Weekly	24-Hr. Comp.
Phosphorus	Report		lbs/day	1.0		mg/l	5 X Weekly	24-Hr. Comp.
Nitrogen, Total (as N) [5]	Report		lbs/day	Report		mg/l	Monthly	24-Hr. Comp

#### FINAL TABLE 4 [1]

	Quality or 0	Concentratio	n	Monitoring Red	Monitoring Requirements		
Parameter	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type	
pH [6]	6.0		9.0	s.u.	5 X Weekly	Grab	
Dissolved Oxygen [7]							
Summer [3]	6.0			mg/l	5 X Weekly	4 Grabs/24-Hrs.	
Winter [4]	5.0			mg/l	5 X Weekly	4 Grabs/24-Hrs.	
E. coli [8]		125 [9]	235 [10]	cfu/100 ml	5 X Weekly	Grab	

- [1] Refer to the Notification Requirement in part I.F. of the permit.
- [2] Effluent flow measurement is required per 327 IAC 5-2-13. The flow meter(s) shall be calibrated at least once every twelve months.
- [3] Summer limitations apply from May 1 through November 20 of each year.
- [4] Winter limitations apply from December 1 through April 30 of each year.
- [5] Total Nitrogen shall be determined by testing Total Kjeldahl Nitrogen (TKN) and Nitrate +Nitrite and reporting the sum of the TKN and Nitrate + Nitrite results (reported as N). Nitrate + Nitrite can be analyzed together or separately. Monitoring for Total Nitrogen is required in the effluent only.

Page 4C of 31 Permit No. IN0057614 Revised:

The following EPA methods are recommended for use in the analysis of TKN and Nitrate + Nitrite. Alternative approved 40 CFR 136 methods may be utilized.

<u>Parameter</u>	<u>Method</u>
TKN	350.1, 351.1, 351.2
Nitrate	300.0, 300.1, 352.1
Nitrite	300.1, 353.2
Nitrate + Nitrite	300.0, 300.1, 353.2

- [6] If the permittee collects more than one grab sample on a given day for pH, the values shall not be averaged for reporting daily maximums or daily minimums. The permittee must report the individual minimum and the individual maximum pH value of any sample during the month on the Monthly Report of Operation forms.
- [7] The daily minimum concentration of dissolved oxygen in the effluent shall be reported as the arithmetic mean determined by summation of the four (4) daily grab sample results divided by the number of daily grab samples. These samples are to be collected over equal time intervals.
- [8] The effluent shall be disinfected on a continuous basis such that violations of the applicable bacteriological limitations (fecal coliform or *E. coli*) do not occur from April 1 through October 31, annually. The *Escherichia coli* (*E. coli*) limitations apply from April 1 through October 31 annually.
- [9] The monthly average *E. coli* value shall be calculated as a geometric mean. Per 327 IAC 5-10-6, the concentration of *E. coli* shall not exceed one hundred twenty-five (125) cfu or mpn per 100 milliliters as a geometric mean of the effluent samples taken in a calendar month. No samples may be excluded when calculating the monthly geometric mean.
- [10] If less than ten samples are taken and analyzed for E. coli in a calendar month, no samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. However, when ten (10) or more samples are taken and analyzed for E. coli in a calendar month, not more than ten percent (10%) of those samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. When calculating ten percent, the result must not be rounded up. In reporting for compliance purposes on the Discharge Monitoring Report (DMR) form, the permittee shall record the highest non-excluded value for the daily maximum.

Page 4D of 31 Permit No. IN0057614 Revised:

#### 2. Minimum Narrative Limitations

At all times the discharge from any and all point sources specified within this permit shall not cause receiving waters:

- c. including waters within the mixing zone, to contain substances, materials, floating debris, oil, scum attributable to municipal, industrial, agricultural, and other land use practices, or other discharges that do any of the following:
  - (1) will settle to form putrescent or otherwise objectionable deposits;
  - (2) are in amounts sufficient to be unsightly or deleterious;

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Page 5 of 31 Permit No. IN0057614 Revised:

- (3) that produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
- (4) which are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
- (5) which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

#### C. MONITORING AND REPORTING

#### 1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge flow and shall be taken at times which reflect the full range and concentration of effluent parameters normally expected to be present. Samples shall not be taken at times to avoid showing elevated levels of any parameters.

#### 2. Data on Plant Operation

The raw influent and the wastewater from intermediate unit treatment processes, as well as the final effluent shall be sampled and analyzed for the pollutants and operational parameters specified by the applicable Monthly Report of Operation Form, as appropriate, in accordance with 327 IAC 5-2-13. Except where the permit specifically states otherwise, the sample frequency for the raw influent and intermediate unit treatment process shall be at a minimum the same frequency as that for the final effluent. The measurement frequencies specified in each of the tables in Part I.A. are the minimum frequencies required by this permit.

For publicly owned treatment works, the 30-day average percent removal for Carbonaceous Biochemical Oxygen Demand (CBOD5) and Total Suspended Solids shall not be less than 85 percent unless otherwise authorized by the permitting authority in accordance with 40 CFR Part 133.102, as incorporated by reference in 327 IAC 5-2-1.5. The permittee must monitor the influent and effluent CBOD5 and TSS at least once per month and calculate the percent removal to ensure compliance with the required 85 percent removal. This information must be maintained on site and provided to this Office's staff upon request.

Page 10 of 31 Permit No. IN0057614 Revised:

#### 8. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recording from continuous monitoring instrumentation, shall be retained for a minimum of three (3) years. In cases where the original records are kept at another location, a copy of all such records shall be kept at the permitted facility. The three-year period shall be extended:

- a. automatically during the course of any unresolved litigation regarding the discharge of pollutants by the permittee or regarding promulgated effluent guidelines applicable to the permittee; or
- b. as requested by the Regional Administrator or the Indiana Department of Environmental Management.

#### D. REOPENING CLAUSES

In addition to the reopening clause provisions cited at 327 IAC 5-2-16, the following reopening clauses are incorporated into this permit:

- 1. This permit may be modified or, alternately, revoked and reissued after public notice and opportunity for hearing to incorporate effluent limitations reflecting the results of a wasteload allocation if the Department of Environmental Management determines that such effluent limitations are needed to assure that State Water Quality Standards are met in the receiving stream.
- 2. This permit may be modified due to a change in sludge disposal standards pursuant to Section 405(d) of the Clean Water Act, if the standards when promulgated contain different conditions, are otherwise more stringent, or control pollutants not addressed by this permit.
- 3. This permit may be modified, or, alternately, revoked and reissued, to comply with any applicable effluent limitation or standard issued or approved under section 301(b)(2)(C), (D) and (E), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent limitation or standard so issued or approved:
  - a. contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
  - b. controls any pollutant not limited in the permit.

Page 11 of 31 Permit No. IN0057614 Revised

#### E. SCHEDULE OF COMPLIANCE FOR PHOSPHORUS

- 1. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality (OWQ) six (6) months from the effective date of the permit. The progress report shall include, among other items, a description of the method(s) selected for meeting the final requirements for phosphorus. The final effluent limitations for phosphorus are deferred for the term of this compliance schedule, unless the final effluent limitations can be met at an earlier date. The permittee shall notify the Compliance Data Section of OWQ as soon as the final effluent limitations for phosphorus can be met. Upon receipt of such notification by OWQ, the final limitations for phosphorus will become effective, but no later than 36 months from the effective date of this permit (September 1, 2019). Monitoring and reporting of effluent phosphorus is required during the interim period.
- 2. If construction is required, a construction permit application (including Plans and Specifications) for complying with final requirements shall be submitted (if required by 327 IAC 3-2) within fourteen (14) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality at this time.
- 3. Initiation of construction, if necessary, shall commence not later than the twenty-three (23) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality at this time.
- 4. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality thirty-two (32) months from the effective date of the permit.
- 5. Construction shall be completed within thirty-five (35) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality when construction has been completed.
- 6. The permittee shall comply with all final requirements no later than thirty-six (36) months from the effective date of the permit.
- 7. If the permittee fails to comply with any deadline contained in the foregoing schedule, the permittee shall, within fourteen (14) days following the missed deadline, submit a written notice of noncompliance to the Compliance Data Section of the Office of Water Quality stating the cause of noncompliance, any remedial action taken or planned, and the probability of meeting the date fixed for compliance with final effluent limitations.

Page 11A of 31 Permit No. IN0057614 Revised:

#### F. NOTIFICATION REQUIREMENT

The permittee is proposing to upgrade the existing facility from a Class III, 2.45 MGD facility to a Class III, 3.0 MGD facility. The permittee received Construction Approval No. 23763 for the aforementioned construction activities on December 30, 2020. The permittee shall submit a written notice to the Compliance Data Section of the Office of Water Quality at 100 N. Senate Avenue, Indianapolis, IN 46204-2251 which specifies the expected facility construction completion date. This notice shall be submitted a minimum of thirty (30) days prior to completion of facility construction. Any deviation from the completion date specified in this notice will require a revised notice to be submitted to the same office. Notification of the facility construction completion date is necessary to ensure that the final effluent limitations contained in this permit become effective at the correct time.

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### **National Pollutant Discharge Elimination System** Fact Sheet for the

**Hendricks County Regional Sewer District WWTP** 

**Draft: August 11, 2021** Final: TBD

#### **Indiana Department of Environmental Management**

100 North Senate Avenue Indianapolis, Indiana 46204 (317) 232-8603 Toll Free (800) 451-6027 www.idem.IN.gov

Permittee:	Hendricks County Regional Sewer District
	Phyllis Palmer, Board President
	355 South Washington #210
	Danville, Indiana 46122
	ppalmer@co.hendricks.in.us 317-745-9221
Existing Permit	Permit Number: IN0057614
Information:	Expiration Date: August 31, 2024
Facility Contact:	Kieran Tansy
	KFTansy@aquaamerica.com 317-719-6026
Facility Location:	10683 East U.S. Highway 36
	Avon, Indiana 46123
	Hendricks County
Receiving Stream:	Avon Creek
GLI/Non-GLI:	Non-GLI
Proposed Permit Action:	Modification
Date Application Received:	July 20, 2021
Facility Category	NPDES Major Municipal
Permit Writer:	John Donnellan, Senior Environmental Manager
	jdonnell@idem.in.gov 317-234-0865

Outfall Location Latitude: 39° 45′ 36″ N

Longitude: 86° 19' 56" W

<u>Treatment Plant Location</u> Latitude: 39° 45' 39" N

Longitude: 86° 19' 57" W

NPDES Permit No. IN0057614

#### **Background**

This is the modification of the NPDES permit for the Hendricks County Regional Sewer District Wastewater Treatment Plant. The facility's current permit was effective on September 1, 2019 and has an expiration date of August 31, 2024. A request for permit modification was received from the permittee on July 20, 2021. The permittee requests a permit modification to reflect the proposed plant upgrade from a Class III, 2.45 MGD facility to a Class III, 3.0 MGD facility in accordance with Construction Approval No. 23763 issued on December 30, 2020.

#### **Modification**

The following changes have been made for the modification of the NPDES permit:

Page 1 of 31	This page has been modified to reflect the modification effective date for the permit.
Page 2 of 31	This page has been modified to revise the Facility Description to reflect the upgrade to the 3.0 MGD facility. Part I.A. of this page has been updated to reflect the location of the additional monitoring and reporting requirements is Part I.C.
Page 3 of 31	This page has been modified to include Interim Tables 1 and 2 that are reflective of the current effluent limitations for the 2.45 MGD facility. Footnote [1] has been added to identify the location of the Notification Requirement in Part I.F. of the permit.
Page 4 of 31	Footnote [5] has been renumbered to [6] and changes the location of the Schedule of Compliance to Part. I.E.
Page 4A of 31	This page has been added to include Part I.B. for the final effluent limits for the proposed 3.0 MGD plant.
Page 4B–4C of 31	Page 4B has been added to include Final Tables 3 and 4, which reflect the applicable effluent limitation for the facility expansion to 3.0

MGD. The effluent limitations are based on a Wasteload Allocation (WLA) analysis performed by this Office's Permits Branch staff on

	March 31, 2020 and antibacksliding regulations specified in 327 IAC 5-2-10(a)(11)(A). Mass limitations were updated in this permit modification final effluent tables to conform with IDEM-policy regarding rounding and significant figures when developing the limitations. Page 4B and 4C include the applicable footnotes for Final Tables 3 and 4.
Page 4D of 31	This page has been added to enable the page numbering to be consistent with the current permit.
Page 5 of 31	This page has been modified to designate the Monitoring and Reporting section as Part I.C.
Page 10 of 31	This page has been modified to designate the Reopening Clauses section as Part I.D.
Page 11of 31	This page has been modified to designate the Schedule of Compliance section as Part I.E.
Page 11A of 31	This page has been added to add Notification Requirements in Part I.F.

#### **Expiration Date**

The expiration date of the permit has not changed. The permit, as modified, will expire at midnight on August 31, 2024.